

MATERIALS		
ITEM	QUAN.	DESCRIPTION
1	1	3/4 CUBIC FT. BYPASS METER
2	1	DOUBLE CHECK VALVE ASSEMBLY
3	1	DOUBLE DETECTOR CHECK
4	2	OS&Y RESILIENT SEAT GATE VALVES
5	1	MJ DUCTILE IRON BEND
6	1	PIPE STAND W/ 12" X 12" BASE PLATE
7	2	DUCTILE IRON PIPE CUT TO LENGTH
8	1	FLANGED DUCTILE IRON BEND
9	3	MEGALUG OR APPROVED EQUAL
10	4	COMPANION FLANGE(UNION FOR 2"
		SHALL BE USED)
11	4	BRASS PLUGS INSERTED IN TEST COCKS
12		C900 PVC PIPE OR DUCTLE IRON

NOTES:

- 1. RISER COMING THRU THE FLOOR SHALL BE 12 INCHES PLUS 3 TIMES THE DIAMETER OF THE PIPE AWAY FROM NEAREST WALL. ALL UNDERGROUND PIPING WILL BE RODDED & THRUST PROTECTED. ALLOWANCES WILL BE MADE FOR THE EXPANSION OF THE CONCRETE AROUND THE RISER.
- 2. FOR FINAL APPROVAL, ASSEMBLY MUST BE CENTERED IN ENCLOSURE (IF APPLICABLE). UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER USED FOR THE SYSTEM CONTAINMENT. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED DOWNSTREAM OF METER.
- 3. IF A PRESSURE MONITOR IS TO BE INSTALLED, ADD A TEE, VALVE, FITTINGS, AND MOUNT ON SUPPLY SIDE PRIOR TO BACKFLOW PREVENTER. UNDER NO CIRCUMSTANCE SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR ANY USE OTHER THAN BACKFLOW DEVICE TESTING.
- 4. SIAMESE CONNECTION SHALL BE INSTALLED DOWNSTREAM OF THE BACKFLOW PREVENTION DEVICE. SEE DETAIL W-12

TYPICAL INDOOR DOUBLE DETECTOR CHECK VALVE (2", 3", 4", 6", 8" & 10")

DOUBLE DETECTOR CHECK VALVE FOR FIRE SYSTEM

STANDARD CONSTRUCTION DETAILS



SCALE: N.T.S.

DATED: SEP 2013

PLATE NUMBER:

W21